Project work

Goals

Turn some open data from Muenster into Linked Open Data and visualize it
Make your work available under the appropriate license

Datasets

Link: http://www.muenster.de/stadt/stadtplanung/zahlen.html

- Unemployed („Arbeislose“) -> Group1
- Population („Bevölkerung“) -> Group2
- Migration („Migration“) -> Group3
- Households („Haushalte“) -> Group4
- Employees subject to social insurance contributions („Sozialversicherungspflichtig Beschäftigte“) -> Group 5

Groups

Group1

- Bustamante Ana Maria
- Lohoff Lukas
- Fahad Jahangir
- Mohr Matthias

Group3

- Kwong Joanna
- Perez Paola
- Röhr Fabian
- Roy Avipsa

Group2

- Schiestel Nicholas
- Guiying Du
- Wieghardt André
- Pawan Thapa

Group4

- Kisfeld Christoph
- Gupta Shivam
- Lahn Florian
- Stepanov Oleg

Group5

- Radtke Maurin
- Sundaresa Shankarligam
- Shirokov Aleksandr
- Stöcker Boris

Project work

Grading schema for the project

- *Report (and application): 50%*

	Basic	Very Good	Excellent
Geometries of the city districts of Muenster (e.g. as GeoJSON)	x		
Vocabularies (to annotate the datasets)	x		
Data as RDF triples	x		
Links to external datasets	x		
RDF triples uploaded to the triple store	x		
Visualization of the data on a map (Leaflet), according to the city districts[1]	x		
Code submitted	x		
Project report (6 pages max)[2]	x		
Code well documented		x	
Responsive design (Bootstrap)		x	
Information about the license under which the application is released		x	
Visualization of the history as a timeline synchronized with the map			x
Help menu describing what the application does			x
Any (relevant and nice) additional interaction with the application			x

1. A simple popup window on a district can show for example all values of unemployment/population/migration/household/employees subject to social insurance contributions.

2. The report should give a detailed documentation about the steps followed while developing the application, the tools used during the development process, the vocabularies chosen, the number of RDF triples produced, and the datasets linked to. If the application is released under an open source license, the report should give some words about the motivation for choosing that license. Finally, the report should also make clear what the contributions of each of the members of the group towards the realization of the application was. The size is limited to 6 pages, without references and appendices (if any). Grading of the report is **collective**. Deadline for the submission of the report is February 21, 2016, 11:59 PM CET.

- *Presentation (50%)*

The presentation should show the main features of the work: the steps followed while developing the application, the tools used during the development process, the vocabularies chosen, the number of RDF triples produced, the datasets linked to, and the motivation for the open source license (if any). The presentation should last at most 20 minutes (including the demo, if any). **All members** should present some part of the work, and be **ready to answer questions related to the work (at least their specific contributions)**. Although the group presents the work, grading of the presentations is **individual,** and is based on the clarity of presentation and answers to questions. Presentations will take place during the sessions of February 10, 2016.

- One-Pagers (PASS)

The one pagers reflect about the three sections held by Dr. Kauppinen, and how they helped during the project work. Deadline for submission is February 21, 2016, 11:59 PM CET. Submission of the three one-pagers (also possible as a single document) gives 1 credit point[1].

[1] NB: the content of this paragraph is still subject to change.